



Using Bibliographic Data of Digital Libraries in Research through SMW

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Idea

- *Semantic MediaWiki for Collaborative Corpora Analysis" in the domain of "Virtual Research Environments ".*
- <http://www.1914-1918-online.net> - 1914-1918-online. International Encyclopedia of the First World War - international collaborative project to make available a multi-perspective, public-access knowledge base on the First World War.



Motivation

- Scientific projects employ wikis as encyclopedia, handbook or publishing platforms
- Research platforms need data gathered from libraries and references
- Both projects need bibliographic references and tools for the analysis of newly created knowledge
- Both projects need external metadata import and resource interlinking
- There is extremely motivated community of non-technical people
- They need automatic metadata initial import, automatic reference integration and user-friendly tools for Analysis



Analysis Tool

Analysis for - Anna

SELECT

Category: Lexicon S1

List: 1774 Küster

Filtered: Relevant for project
Year of Publication
Place of Publication
Editor

Year of Publication: < 1939

Year of Publication: > 1919

Add Filters

Nest: Has Lemma S3

Category: Lemma S3

List: 1774 Arnstedt/Abbitten

Filtered: Language
Last Page
Lemma title
Original Person
Part of Lexicon
Part of Volume

Lemma title: ~ rzieh

Add Filters

Nest: Select link property ...



Analysis Tool

- `{{#tag:AnalysisTool | This is only text | name = Anna |S1=category
@@@Category = Lexicon @@@Filtered = Year of
Publication::<1939;Year of Publication::>1919 @@@Nest = Has
Lemma @@@Link = S3 @@@|S3=category @@@Category =
Lemma @@@Filtered = Lemma title::~~*rzieh* @@@ | output
=?Title;?Year of Publication | Condition = {@S1}[[Has
Lemma::<q>{@S3}</q>]] |format =Table}}`
- `{{#ask: [[Category:Lexicon]][[Year of Publication::<1939]][[Year
of Publication::>1919]][[Has Lemma::
<q>[[Category:Lemma]][[Lemma title::~~*rzieh*]]</q>]]|
?Title|?Year of Publication }}`



Import Bibliography

- Automatic Zotero bibliographic material import
- Usage of Wikipedia Cite/templates

1914
1918
ONLINE
Developer

Home

Themes Regions Handbook Articles Administration Search

Here you can change the default Zotero group bibliography that is queried by the script for new import (optional).

Default Zotero Server address is:
<https://api.zotero.org/groups/163113/>

Zotero Database Key:

Please provide a timestamp if the script should check for changes in the server bibliography that are different from last import time stamp.

From:

The Format for the timestamp is: 2013-05-28T06:32:39 (optional).



...to be continued...

- Analysis Tool (alpha version) – to be published
- Import Bibliography (beta version) – published
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- Lia.Veja@iris-semdata.com